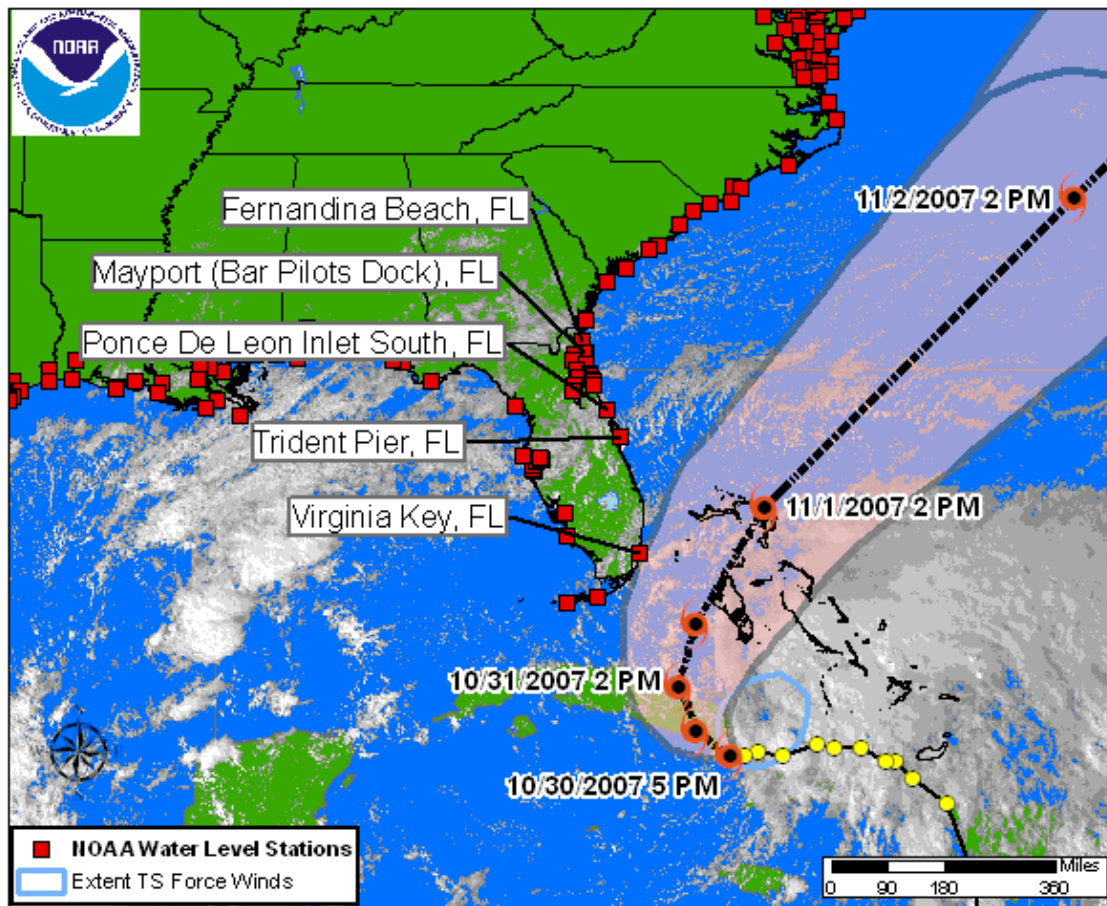




Tropical Storm NOEL QUICKLOOK  
Posted: 17:30 EDT 10/30/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida are elevated due to high winds produced by the interaction of Tropical Storm NOEL with a high pressure system across the southeastern U.S.

Water level and meteorological plots available below are updated automatically. Water level observations on **Mean Lower Low Water** as of 10/30/2007 17:30 EDT are:

Virginia Key, FL ~ 0.33 ft (0.10 m) above predicted. Next High tide Tue 10/30/2007 at 19:23 EDT.

Trident Pier, FL ~ 1.15 ft (0.35 m) above predicted. Next High tide Wed 10/31/2007 at 00:06 EDT.

Ponce De Leon Inlet South, FL ~ 1.74 ft (0.53 m) above predicted. Next High tide Wed 10/31/2007 at 00:46 EDT.

Mayport (Bar Pilots Dock), FL ~ 1.50 ft (0.46 m) above predicted. Next High tide Wed 10/31/2007 at 01:11 EDT.

Fernandina Beach, FL ~ 2.54 ft (0.77 m) above predicted. Next High tide Wed 10/31/2007 at 01:19 EDT.

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**...NOEL STILL CENTERED INLAND OVER CUBA...**

**INTERESTS IN SOUTHERN FLORIDA SHOULD MONITOR THE PROGRESS OF NOEL. A TROPICAL STORM WATCH COULD BE REQUIRED FOR PORTIONS OF SOUTHEASTERN FLORIDA TONIGHT OR TOMORROW.**

**AT 500 PM EDT...2100Z...THE CENTER OF TROPICAL STORM NOEL WAS LOCATED NEAR LATITUDE 21.0 NORTH...LONGITUDE 78.0 WEST OR ABOUT 30 MILES... 45 KM...SOUTH-SOUTHWEST OF CAMAGUEY CUBA AND ABOUT 280 MILES...450 KM...SOUTH OF NASSAU.**

**NOEL IS MOVING TOWARD THE WEST NEAR 8 MPH...13 KM/HR. A GRADUAL TURN TOWARD THE NORTHWEST IS FORECAST DURING THE NEXT 24 HOURS. ON THIS TRACK...THE CENTER OF NOEL IS EXPECTED TO REMAIN OVER CUBA TODAY AND TONIGHT...BUT EMERGE OFF THE NORTHERN COAST OF CUBA TOMORROW.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH...65 KM/HR...WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...280 KM...MAINLY TO THE NORTHEAST FROM THE CENTER.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 1001 MB...29.56 INCHES.**

**ABOVE NORMAL TIDES ARE LIKELY WITHIN THE WARNING AREAS.**

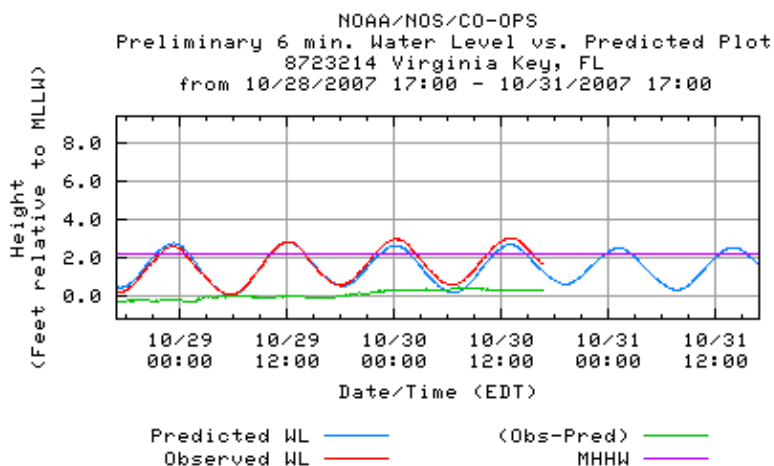
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For additional data and more information on the Storm QuickLook product, please visit  
**[www.tidesandcurrents.noaa.gov](http://www.tidesandcurrents.noaa.gov)**.

Water Level Analyst: PFF

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Barometric](#),

**Virginia Key, FL - Station Map** [Return to List](#)

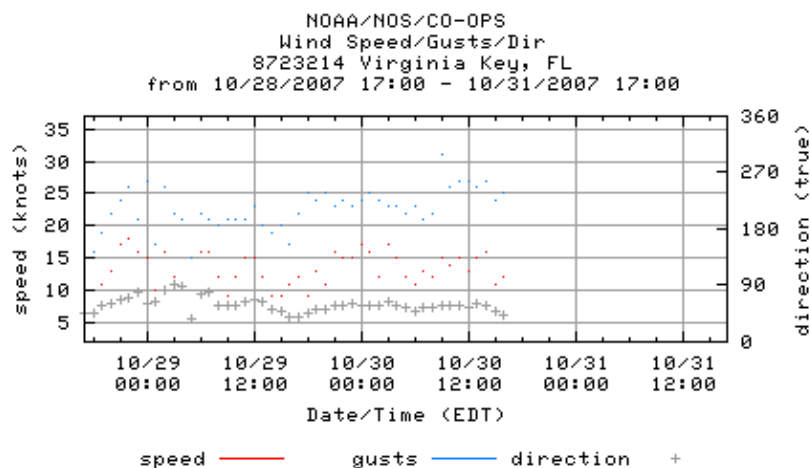


Last Observed Sample: 10/30/2007 16:42 (EDT)

Relative to **MLLW**: **Observed: 1.69 ft. Predicted: 1.36 ft. Residual: 0.33 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

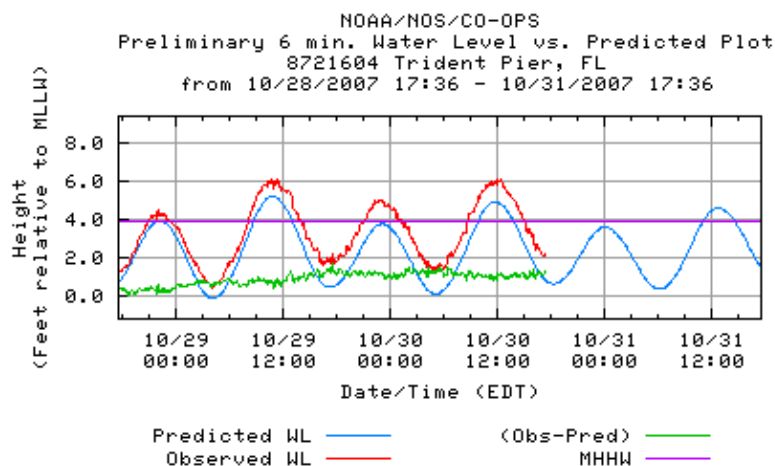
**Virginia Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 10/30/2007 16:00 (EDT)

**Wind Speed: 12 knots Gusts: 25 knots Direction: 043° T**

**Trident Pier, FL - Station Map** [Return to List](#)

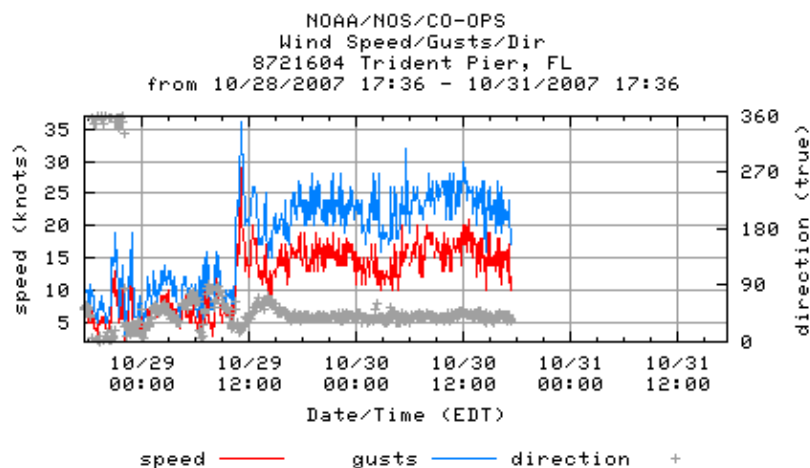


Last Observed Sample: 10/30/2007 17:24 (EDT)

Relative to **MLLW**: **Observed: 2.12 ft.** **Predicted: 0.88 ft.** **Residual: 1.24 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

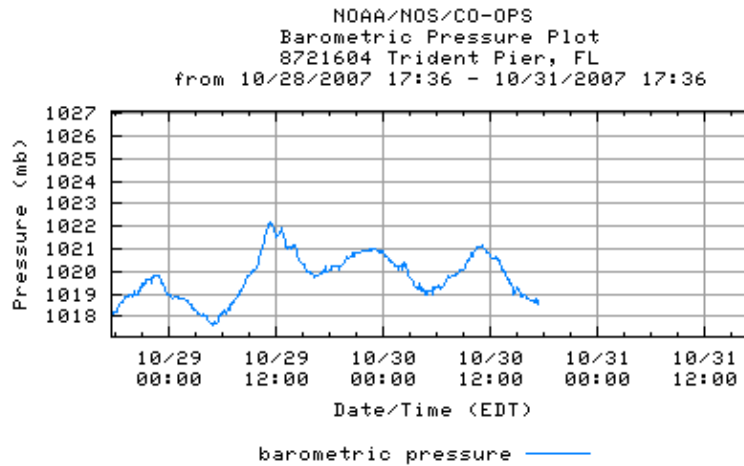
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 10/30/2007 17:24 (EDT)

**Wind Speed: 12 knots** **Gusts: 17 knots** **Direction: 034° T**

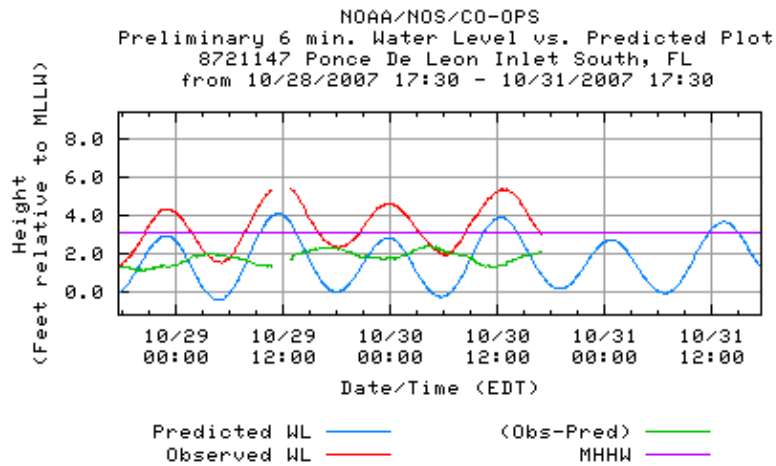
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 10/30/2007 17:24 (EDT)

Barometric Pressure: 1018.5 mb

**Ponce De Leon Inlet South, FL - Station Map** [Return to List](#)

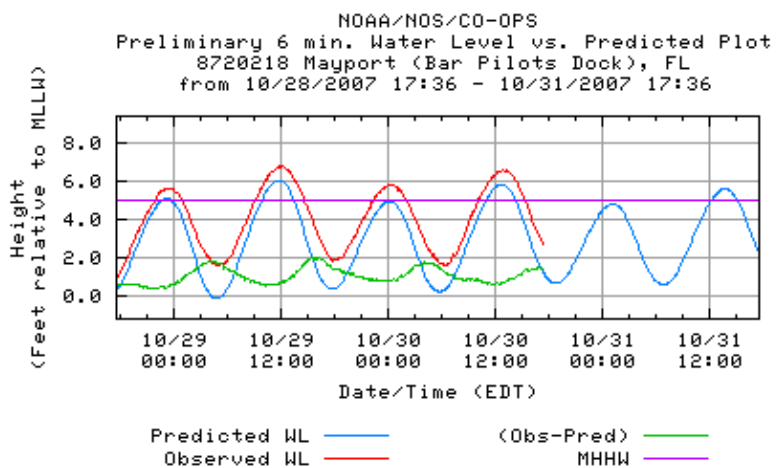


Last Observed Sample: 10/30/2007 16:54 (EDT)

Relative to **MLLW**: **Observed: 3.02 ft.** **Predicted: 0.93 ft.** **Residual: 2.09 ft.**

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)

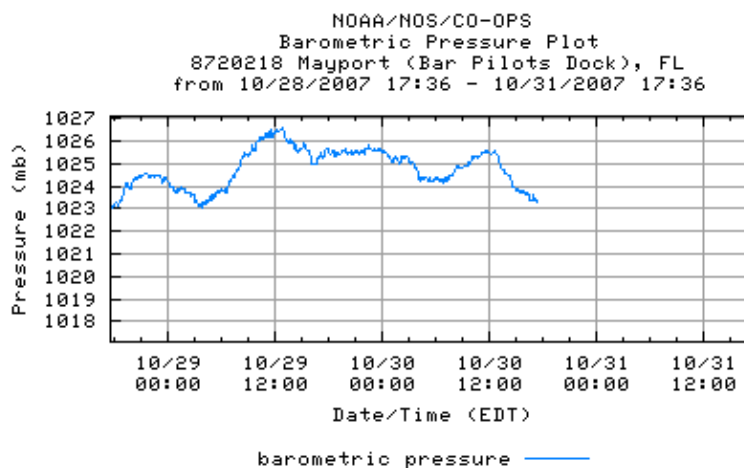


Last Observed Sample: 10/30/2007 17:24 (EDT)

Relative to **MLLW**: **Observed: 2.75 ft. Predicted: 1.29 ft. Residual: 1.46 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

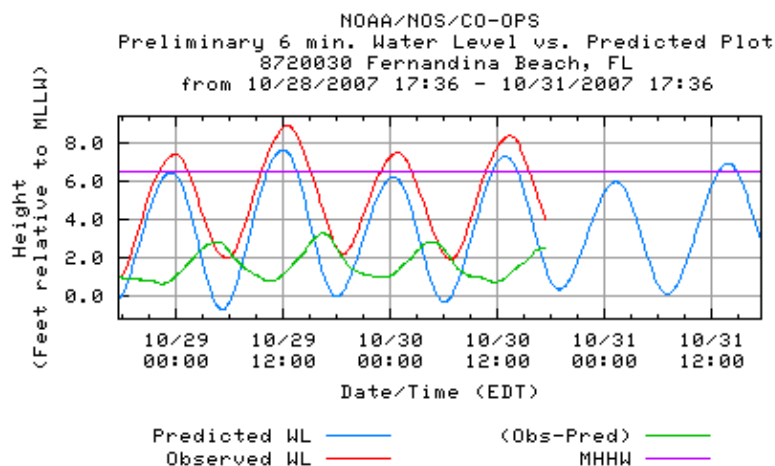
**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)



Last Observed Sample: 10/30/2007 17:24 (EDT)

**Barometric Pressure: 1023.3 mb**

**Fernandina Beach, FL - Station Map** [Return to List](#)

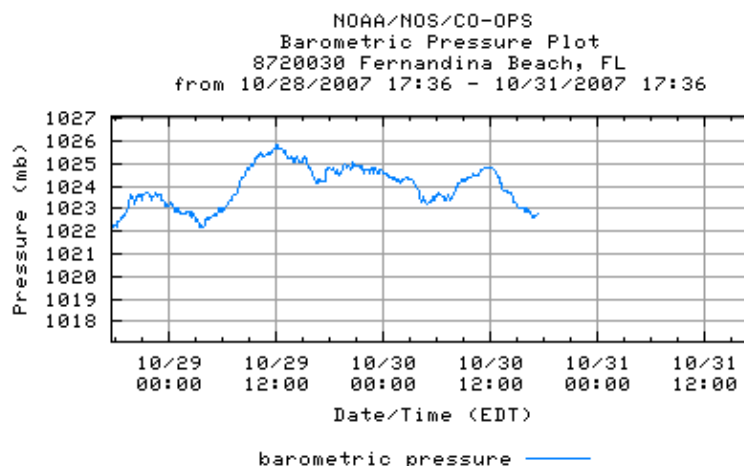


Last Observed Sample: 10/30/2007 17:24 (EDT)

Relative to **MLLW**: **Observed: 4.06 ft. Predicted: 1.52 ft. Residual: 2.54 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 10/30/2007 17:24 (EDT)

**Barometric Pressure: 1022.8 mb**



## Tropical Storm NOEL QUICKLOOK, POSTED 17:30 EDT 10/30/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce